



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2695

SERIAL NUMBER 10/748,753	FILING DATE 12/30/2003 RULE	CLASS 711	GROUP ART UNIT 2187	ATTORNEY DOCKET NO. 1301-026
-----------------------------	-----------------------------------	--------------	------------------------	------------------------------------

## APPLICANTS

Michael Paul Wagner, Raleigh, NC;

David William Harvey, Newton, MA;  
Alan Lee Taylor, Cary, NC; Paul Thomas McGrath, Raleigh, NC;

\*\* CONTINUING DATA \*\*\*\*\*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 05/05/2004

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	NC	DRAWING 12	CLAIMS 18	CLAIMS 2
Verified and Acknowledged	<i>A. M.</i> Examiner's Signature	Initials			

## ADDRESS

26108  
 DANIELS DANIELS & VERDONIK, P.A.  
 SUITE 200 GENERATION PLAZA  
 1822 N.C. HIGHWAY 54 EAST  
 DURHAM , NC  
 27713

## TITLE

Method of allowing point-in-time view of data on a disk using a map on cache disk

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
RECEIVED		